

### Tuesday 8 April 2003

- 7:00 Registration
- 8:00 **Welcome and Opening Remarks**  
Dave Davis, Air Force Space and Missile Systems Center  
Mel Cohen, The Aerospace Corporation
- 8:10 **Keynote: Systems Engineering Revitalization and Impacts**  
Tom Fitzgerald, Colonel, USAF (Retired)  
Chief of Integration and Mission Assurance,  
Air Force Space and Missile Systems Center
- 8:30 *Air Force Space and Missile Systems Center Update*  
Dave Davis, Air Force Space and Missile Systems Center
- 8:45 *Radiation-Hardened Electronics Oversight Council (RHOC)*  
John Ingram-Cotton, The Aerospace Corporation
- 9:05 *NASA EEE Parts Assurance Group (NEPAG)*  
Mike Sampson, NASA Goddard Space Flight Center
- 9:45 *JPL COTS/PEMs Update*  
Shri Agarwal and Mike Sandor, Jet Propulsion Laboratory
- 10:05 **Break**
- 10:15 *Air Force Research Laboratory Update*  
Creigh Gordon, Air Force Research Laboratory
- 10:35 *DTRA Development Update*  
Lew Cohn, Defense Threat Reduction Agency
- 10:55 *WAASP-Wafer Applied Seal for PEM Protection*  
Chuck Reusnow, Lockheed Martin  
Pete Black, U. S. Army
- 11:45 *Supplier Update (Hybrid and Semiconductor)*  
Rick Carrier, International Rectifier
- 12:00 **Lunch break**
- 1:00 *RGA Roulette*  
Trevor Devaney, Hi-Rel Laboratories
- 1:20 *Addition of Lead to Pure Tin Terminated Chip Size Components*  
Ed Li, AEM
- 1:40 *Radiation Experiments*  
Dave Meshel, Northrop Grumman
- 2:00 *System Manufacturing—Detection of Tin Plating*  
Bill Bjorndahl, Northrop Grumman Space & Mission Systems

- 2:20      *Standardization, The First Domino in Dramatically Reducing Your Total Cost of Ownership*  
**John Renaudo, Northrop Grumman Space & Mission Systems**
- 2:40      **Break**
- 3:00      *IC Supplier Activities (Today and Future)*  
**Mike Tekulve, National Semiconductor**  
**Pat McCord, Austin Semiconductor**
- 3:40      *Optical Leak Detection*  
**John Newman, NOR-COM**
- 4:00      *Opto-couplers*  
**Jamshed Khan, Agilent**
- 4:20      *Standardized Space Qualified Relays*  
**Jeff Boyce, Tyco CII Relays**
- 4:40      *Space Qualified Magnetics*  
**Allen Adams, Coast/ACM Magnetics**
- 5:00      *Panel Discussion—Passive Device Requirements*  
John Renaudo, Northrop Grumman
- 5:30      End of Tuesday Sessions

## Wednesday 9 April 2003

- 7:00      Registration
- 8:00      **Welcome and Agenda Review**  
Dave Davis, Air Force Space and Missile Systems Center  
Mel Cohen, The Aerospace Corporation
- 8:10      *Japanese System Requirements*  
**Takeshi Matsuoka, NASDA**
- 8:30      *System Manufacturer Parts Management*  
**Ed Ortiz, Raytheon**
- 8:50      *A Candidate DC-DC Converter for Hi-Rel*  
**Joe Castaldo, Aeroflex**
- 9:10      *Process-Based Mission Assurance Knowledge Management*  
**Jennifer Jones, NASA Glenn Research Center**
- 9:40      *Upscreening Results on Plastic Encapsulated Microcircuits (PEMs)*  
**C. Bud McBrayer, Wyle Laboratories**
- 10:00      **Break**
- 10:15      *IC Supplier Activities (Today and Future)*  
**Paul Nixon, BaE Systems Manassas**  
**Al Hurst, Honeywell SSEC**  
**Chuck Tabbert, Peregrine Semiconductor**
- 11:15      *Aeroflex UTMIC RH by Design Product Update*  
**Peter Millikan, Aeroflex UTMIC**

11:35	<i>FPGA Post Programming Burn-In—Is It Required?</i> <a href="#">John McCollum, Actel</a>
11:55	<b>Lunch break</b>
1:00	<i>Enhanced Plastic and QML Class V Status/Update</i> <a href="#">Wallace Scott, Texas Instruments</a>
1:20	<i>IC Supplier Activities (Today and Future)</i> <a href="#">Ken O'Neill, Actel</a> <a href="#">Chad Thibodeau, Maxwell</a>
2:00	<i>Discrete Semiconductor Activities (Today and Future)</i> <a href="#">Dick Martin, Microsemi</a> <a href="#">Rich Moore and Alan Johnson, Semicoa Semiconductors</a>
2:40	<i>The Impact of Lead-Free Conversion on Military and Aerospace Applications</i> <a href="#">Constantin Rauta, BMPCOE/CSC</a>
3:00	<i>Passive Parts Update</i> <a href="#">Jocelyn Siplon, The Aerospace Corporation</a>
3:15	<b>Break</b>
3:30	<i>Microcircuits Update</i> <a href="#">Larry Harzstark, The Aerospace Corporation</a>
3:50	<i>Discrete Semiconductor Update</i> <a href="#">Mel Cohen, The Aerospace Corporation</a>
4:10	<i>Hybrid Update</i> <a href="#">Emanuel Bucur, The Aerospace Corporation</a>
4:30	<i>Wrap-Up and Concluding Remarks</i> Dave Davis, Air Force Space and Missile Systems Center
4:45	Conclusion

## Acknowledgements

### Organizing Committee

Emanuel Bucur, The Aerospace Corporation  
 Mel Cohen, The Aerospace Corporation  
 Dave Davis, Air Force Space and Missile Systems Center  
 Larry Harzstark, The Aerospace Corporation  
 Pam McNulty, The Aerospace Corporation  
 Steve Robertson, The Aerospace Corporation  
 Jocelyn Siplon, The Aerospace Corporation